



## MATERIAL SAFETY DATA SHEET

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name : NAVFAST RED 9169  
Company : NAVPAD PIGMENTS PVT. LTD.  
Plot No. 1196/1/B, Village Rajpur,  
Chhatral - Mehsana Highway, Rajpur - 382715, Gujarat, India  
Telephone No. : + 91 2764 278338

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name or Generic : Pigment Red 169  
CI No. : 45160:2  
CAS No. : 12237-63-7  
EINECS No. : 235-469-2  
Chemical Class : Triarylcarbonium  
Use of Substance : Coloring component for Plastics, Coatings & Inks.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Red Powder

Odorless

Flash Point: Not Determined

May cause mechanical irritation to eyes

May cause eye, skin and respiratory tract irritation

Harmful if large amounts are swallowed. May cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Organic pigments can burn at temperatures above 240 °C. This product is not readily ignitable. Dust explosions are possible.

#### ROUTES OF ENTRY

Eyes? NO

Skin? NO

Inhalation? YES

Ingestion? NO

INHALATION: may cause irritation if exposure is prolonged or excessive.

INGESTION: may cause gastrointestinal disturbances

#### CARCINOGENICITY

NTP? NO

IARC? NO

OSHA? NO

#### CHRONIC HEALTH HAZARDS

None Known

#### PIGMENT RED 169

ISO 9001 : 2015



ISO 14001 : 2015



CIN No: U24220GJ1998PTC033736

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A Govt. Of India Recognized Star Export House

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

May aggravate existing respiratory and/or skin ailments.

#### 4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with plenty of water. Call a physician.

SKIN CONTACT: Procedures normally not needed. Flush with water, call a physician

INHALATION: Remove to fresh air. If breathing is difficult, call a physician

INGESTION: Get medical attention immediately. If vomiting occurs, prevent aspiration by keeping head lower than hips.

#### 5. FIRE – FIGHTING MEASURES

Flash Point: Not Determined

Auto – Ignition: Not Determined

LEL: Not Determined

UEL: Not Determined

#### NFPA HAZARD CLASSIFICATION

Health: 1

Flammable: 1

Reactivity: 0

#### HMIS HAZARD CLASSIFICATION

Health: 1

Flammable: 1

Reactivity: 0

#### EXTINGUISHING MEDIA

Use water, carbon Dioxide or Foam.

#### SPECIAL FIRE FIGHTING PROCEDURES

Wear NIOSH / MSHA approved positive-pressure self-contained breathing apparatus and protective clothing as specified in 29 CFR 1910.156

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

Organic pigments can burn at temperatures above 250 °C. This product is not readily ignitable. Dust explosions are possible.

#### 6. ACCIDENTAL RELEASE MEASURES

Contain spillage and scoop up or vacuum. Avoid dusting. Notification to the National Response Center may be required.

It is recommended that the user establish spill prevention, control and counter measure plan (SPCC). Such plan should include procedures applicable to proper storage, control and clean up of spills, including reuse or disposal as appropriate.

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## 7. HANDLING AND STORAGE

Wash thoroughly after handling.  
 Keep away from food and feed products.  
 Keep container closed.  
 Avoid breathing dust.  
 Avoid contact with eyes, skin and clothing.  
 Use adequate ventilation.

## 8. Exposure control and Personal Protection

### Exposure Controls and Personal Protection

#### Exposure limit values

#### Technical measures/precautions:

Ensure adequate ventilation to minimize the build-up of dust or vapours.

#### Respiratory protection:

Wear a respirator type FFP2 (EN 149:2001) or equivalent.

#### Hand protection:

For hygiene reasons pvc industrial gloves (or equivalent) are recommended.

#### Eye protection:

Wear safety glasses with side protection to protect against dust particles.

#### Skin and body protection:

Closed footwear.  
 Working clothes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	:	Not Applicable
Specific Gravity (H <sub>2</sub> O = 1)	:	>1
Melting Point	:	Not Applicable
Vapor Density (Air = 1)	:	Not Applicable
Evaporation Rate (Butyl Acetate = 1)	:	Not Applicable
% Solubility In Water	:	Dispersible
Appearance	:	Red Powder
Odor	:	Odorless
pH	:	6.8 to 7

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## 10. STABILITY AND REACTIVITY

Stability: Generally considered stable.

Avoid Heat; see Section 5, Fire and Explosion Hazard Data

INCOMPATIBILITY (Materials to Avoid)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

Toxic emissions, which could include carbon monoxide and nitrogen oxides, are possible if decomposition occurs.

Polymerization: Polymerization is not expected to occur.

Avoid: Not applicable

## 11. TOXICOLOGICAL INFORMATION

CHEMICAL NAME

% Wt. LD50

LC50

C. I. PIGMENT RED 169

>4900 mg/kg

Not Available

RAT, oral

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY : No data available

ENVIRONMENTAL FATE : No data available

## 13. DISPOSAL CONSIDERATIONS

US EPA Waste Number: Not Regulated

This product, if disposed as received is a non-hazardous waste on the basis of TCLP testing under current EPA Hazardous Waste Regulation as defined by 40 CFR Part 261 et al. Disposal / recycling / reclamation requirements will vary by location and type of disposal selected.

Consult with state and local regulatory authorities.

**\*\* NOTE \*\*** Chemical additions, processing or otherwise altering this material may make the waste management information presented above incomplete, inaccurate or otherwise inappropriate.

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As local regulations may vary; all waste must be disposed/recycled/reclaimed in accordance with federal, state, and local environmental control regulations.

#### 14. TRANSPORT INFORMATION

##### INTERNATIONAL

UN Number : Not Regulated

##### UNITED STATES

EPA Waste Number : Not Regulated

DOT Classification : Not Regulated

##### CANADA

PIN Number : Not Regulated

TDG Class : Not Regulated

##### EC

DGL : Not Determine

#### 15. REGULATORY INFORMATION

##### US FEDERAL REGULATIONS

TSCA: IN TSCA

##### SARA 311 and 312 HAZARD CATEGORIES

IMMEDIATE (Acute) Health Hazard: NO

DELAYED (Chronic) Health Hazard: YES

FIRE HAZARD: NO

REACTIVITY HAZARD: NO

Sudden Release of PRESSURE: NO

##### SARA SECTION 313 NOTIFICATION

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### OZONE DEPLETING SUBSTANCES (ODS)

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

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VOLATILE ORGANIC COMPOUNDS (VOC)

None

US STATE REGULATIONS

VOLATILE ORGANIC COMPOUNDS (CARB): None

CANADIAN REGULATIONS

DSL/NDSL: DSL

WHMIS Classification: Class D Division 2 Subdivision B

EUROPEAN REGULATIONS

EINECS: Yes

OTHER REGULATIONS

MITI: No

AICS: No

## 16. REGULATORY INFORMATION

### Further information:

Awareness of safety properties of fine powders is required

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operation, and management and for persons working with or handling this product. The information presented in the MSDS is with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses and is for the material without chemical additions/alteration. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is.

**PREPARED BY** : TECHNICAL SERVICE DEPARTMENT, NAVPAD PIGMENTS PVT.LTD.

**PLACE** : RAJPUR

**LAST REVIEW DATE** : 1<sup>ST</sup> NOVEMBER, 2020.

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